Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 17 Mar 2023 until 23:59 on Saturday 18 Mar 2023

Forecast Issued on Friday 17 Mar 2023 at 04:01

Confidence: High for mild and showery conditions through Friday and Saturday then for a window for more settled weather on Sunday. Some uncertainty in the timings of rain from late Sunday onwards so please keep up to date with the forecast.

Headline for Friday 17 Mar 2023: A cloudy start but brightening up. Scattered heavy showers developing. Breezy on the tops. Mild.

Mountain weather hazards on Friday 17 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain showers	Heavy rain showers	Light rain	Light rain
Precipitation probability					
30%	40%	40%	60%	30%	60%

Forecast for Friday 17 Mar 2023

Weather: Extensively cloudy in the west especially at first, but this will develop breaks to reveal sunny spells for a time during the morning. Scattered showers will also bubble up from around the middle of the day, with some eventually heavy with a small chance of hail and thunder. Becoming more widely cloudy once again later on, with further showers merging to longer spells of rain in the evening.

Chance of cloud-free hill tops above 600m: 30% to start the morning, best chance in east. Improving to 70% by afternoon.

Low cloud and visibility: Areas of fog and low cloud above 300m overnight and in the morning, mainly over western hills, with patches on lower slopes. Cloud lifting and breaking by the afternoon with most summits clearing. Away from cloud, mainly good but briefly less than 10km in any showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 17 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/28 S	18/24 S	15/21 SW	11/17 SW	12/19 S	15/22 S	14/20 S
300	15/23 S	16/21 S	13/20 SW	10/15 S	9/16 S	11/18 S	9/16 S
Valley	6/20 S	10/20 S	10/19 SW	7/14 S	5/13 SE	7/17 S	6/15 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/2	8/4	8/5	7/4	7/3	6/3
300	8/5	9/5	10/8	11/9	10/8	9/6	9/6
Valley	8/6	10/7	12/10	12/10	10/9	9/8	9/7
Freezing Level*	1400m	1400m	1400m	1500m	1600m	1700m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A breezy but mild day in the hills with a few showers developing.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 17 Mar 2023	5.2mm	17mm	23.8mm

Forecast for Saturday 18 Mar 2023

Weather: Mainly cloudy start but bright or sunny spells developing through the morning. Cloud will bubble up to bring a few showers in the afternoon, some heavy and possibly thundery. Becoming dry with skies clearing in the evening.

Maximum wind: South or Southwest 10-15mph, gusts 20-25mph.

Chance of cloud-free hill tops above 600m: 40%, becoming 80% through the morning.

Low cloud and visibility: Areas of low cloud and fog above 500m with patches on lower slopes, lifting above summits by the afternoon. Generally good visibility away from cloud but lowering to less than 10km in any showers.

Temperature: **Valleys:** 8C, rising to 12C, falling to 3C in evening.
At 600m: Plus 6 or 7C, falling to Plus 2C during evening.
Freezing level: Above summits.

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